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## UNITED STATES DEPARTMENT OF AGRICULTURE

## AGRICULTURAL RESEARCH ADMINISTRATION

## SERVICE AND REGULATORY ANNOUNCEMENTS

## BUREAU OF ANIMAL INDUSTRY

AUGUST 1949

This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Governing Printing Office, Washington 25, D. C., at 5 cents each, or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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## CHANGES IN DIRECTORY

## MEAT INSPECTION DIVISION

## Meat Inspection Granted

- ‡616 Fraternity Supply Co., 13 Ferry Street, Boston 13, Mass.  
 ‡887 Eastern Chip Steak Co., R. F. D. 1, Nevada, Ohio.  
 ‡1027 Mask & Gay Food Products, Brooks, Ga.

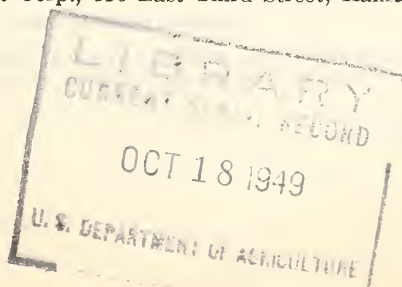
## Meat Inspection Withdrawn

- ‡469 American Meat Corp., 416 East Third Street, Kansas City 6, Mo.

‡No sealed cars.

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**Horse Meat Inspection Granted**

- ‡\*E-259 Duluth Packing Co., foot of Fifty-ninth Avenue, West, Duluth 7, Minn.  
\*E-623 Watertown Abattoir Co., P. O. Box 761, Watertown, S. Dak.

**Meat Inspection Extended**

- 250 Hygrade Food Products Corp., 2811 Michigan Avenue, Detroit 16, Mich., to include subsidiaries Major Bros. Packing Co. and Batchelder & Snyder, Inc.

**Change in Name of Official Establishment**

- E-41 Inland Products, Inc., Alum Creek Drive; mail, P. O. Box 926, Columbus 16, Ohio, instead of Mid-West Meat Packers, E. G. Buchsieb, Inc., Alum Creek Drive; mail, 46 West Hoster Street.  
633 Ebner Bros. Packers, 100 Walnut Street, Wichita Falls, Tex., instead of Ebner Brothers Packers, Inc.

**Change in Location of Official Establishment**

- 5 Stegner Food Products Co., Massachusetts and Township Avenues, Cincinnati 25, Ohio, instead of 1816 Race Street, Cincinnati 10.

**Change in Address of Official Establishment**

- 396-B Dubuque Packing Co., 830 Dubuque Avenue, South San Francisco, Calif., instead of Bayshore Blvd.

**Change in Official in Charge**

Dr. S. N. Studer succeeds Dr. L. P. Sullivan as inspector in charge at Arkansas City, Kans.

Dr. L. P. Sullivan succeeds Dr. J. L. Myers as inspector in charge at West Fargo, N. Dak.

Dr. J. L. Myers succeeds Dr. C. B. Bratager as inspector in charge at Ottumwa, Iowa (Dr. Bratager transferred to Dr. Tierney's force at South St. Paul, Minn., as assistant inspector in charge).

Dr. E. H. Williams succeeds Dr. R. F. Milici as inspector in charge at Brier Hill, N. Y. (Dr. Milici transferred to Dr. Tierney's force at South St. Paul, Minn., as Veterinary Supervisor).

E. S. Willis succeeds James O. Fly (retired) as inspector in charge at Wheeling, W. Va.

**Change in Address of Official in Charge**

Dr. G. E. Mitchell, 346 United States Post Office and Custom House Bldg., Memphis 3, Tenn., instead of 350 Federal Building.

**New Substations**

Brooks, Ga., under Atlanta, Ga.

Nevada, Ohio, under Columbus, Ohio.

**Notes**

Remove character indicating conducts slaughtering preceding establishment 997, Beech-Nut Packing Co., 1237 East Main Street, Rochester 9, N. Y., and add character indicating no sealed cars.

Inspection remains in effect at establishment 848, C. A. Burnette Co., 944 West 38th Place, Chicago 9, Ill. (listed as withdrawn in S&RA for June 1949).

**STATIONS HANDLING WORK OF SEVERAL DIVISIONS****Change of Official in Charge**

Halsey H. Vegors is now in charge of Internal Parasites of Cattle in the South by Management, at the Georgia Agricultural Experiment Station, Experiment, Ga.

\* Conducts slaughtering.

‡No sealed cars.



Dwight F. Stephens has been appointed in charge of Fort Reno Beef Cattle Research Station, Fort Reno, Okla. (formerly a remount station).

Dr. John R. Gorham is now in charge of Fur Animal Disease Research Laboratory, State College of Washington, Pullman, Wash.

#### Change of Address of Official in Charge

Dr. G. E. Mitchell, 346 United States Post Office and Custom House Building, Memphis 3, Tenn., instead of 350 Federal Building.

#### Station Discontinued

College Park, Md. (hog-cholera work in Maryland).

### ANIMAL FOODS INSPECTION

Canned animal (dog, cat, fox, etc.) food prepared under inspection and certification during the month of July 1949: 28,863,083 pounds.

### ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JULY 1949

Region and city	Cattle	Calves	Sheep and lambs	Goats	Swine
North Atlantic:					
New York, Newark, Jersey City.....	25,661	49,704	145,918	-----	112,023
Baltimore, Philadelphia.....	21,335	7,238	6,689	-----	79,524
North Central:					
Cincinnati, Cleveland, Indianapolis....	47,987	15,613	38,794	-----	196,379
Chicago, Elburn.....	104,870	35,928	47,100	-----	215,246
St. Paul-Wisconsin group <sup>1</sup> .....	102,617	56,734	19,171	-----	284,415
St. Louis area <sup>2</sup> .....	50,219	39,002	66,232	-----	199,202
Sioux City.....	43,753	1,234	9,526	-----	87,302
Omaha.....	84,805	5,846	58,324	-----	158,816
Kansas City.....	72,870	22,565	57,941	-----	116,713
Iowa and southern Minnesota <sup>3</sup> .....	64,997	24,399	102,164	-----	540,239
Southeast <sup>4</sup> .....	19,951	13,173	76	-----	43,619
South Central West <sup>5</sup> .....	95,192	33,771	100,085	-----	161,968
Rocky Mountain <sup>6</sup> .....	31,753	3,453	40,538	-----	44,614
Pacific <sup>7</sup> .....	73,262	18,078	119,920	-----	102,285
Total.....	830,272	326,738	812,478	-----	2,342,345
All other stations.....	252,081	174,559	164,564	20,305	822,269
Total:					
July 1949.....	1,091,353	501,297	977,042	20,305	3,164,614
July 1948.....	1,046,991	576,723	1,195,235	27,493	3,044,126
7 months ended:					
July 1949.....	7,434,642	3,685,860	6,542,364	105,696	28,295,559
July 1948.....	7,211,778	3,919,707	8,211,767	208,911	26,727,146
Horses slaughtered:					
July 1949.....	-----	-----	-----	-----	16,876
July 1948.....	-----	-----	-----	-----	32,395
7 months ended:					
July 1949.....	-----	-----	-----	-----	132,236
July 1948.....	-----	-----	-----	-----	143,914

<sup>1</sup> Includes St. Paul, South St. Paul, and Newport, Minn.; Madison, Milwaukee, and Green Bay, Wis.

<sup>2</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill.; St. Louis, Mo.

<sup>3</sup> Includes Cedar Rapids, Des Moines, Fort Dodge, Mason City, Marshalltown, Ottumwa, Storm Lake, and Waterloo, Iowa; Albert Lea and Austin, Minn.

<sup>4</sup> Includes Birmingham, Dothan, Montgomery, Ala.; Tallahassee, Fla.; Albany, Atlanta, Columbus, Moultrie, Thomasville, and Tifton, Ga.

<sup>5</sup> Includes South St. Joseph, Mo.; Wichita, Kans.; Oklahoma City, Okla.; Fort Worth, Tex.

<sup>6</sup> Includes Denver, Colo.; Oregon and Salt Lake City, Utah.

<sup>7</sup> Includes Los Angeles, Vernon, San Francisco, San Jose, Sacramento, and Vallejo, Calif.

# MEAT AND MEAT FOOD PRODUCTS PREPARED AND PROCESSED UNDER FEDERAL MEAT INSPECTION, JULY 1949

Product	Quantity	Product	Quantity
Meat placed in cure:	<i>Pounds</i>	Lard:	<i>Pounds</i>
Beef.....	7,913,596	Rendered.....	125,725,302
Pork.....	260,857,465	Refined.....	101,430,703
Smoked and/or dried:		Rendered pork fat:	
Beef.....	4,477,978	Rendered.....	8,453,010
Pork.....	163,329,053	Refined.....	5,052,115
Sausage:		Oleo stock.....	8,047,147
Fresh, finished.....	14,574,372	Edible tallow.....	5,164,112
Smoked and/or cooked.....	87,106,268	Compound containing animal fat.....	15,021,565
To be dried or semidried.....	10,021,340	Oleomargarine containing animal fat.....	1,162,743
Loaf, headcheese, chili con carne, etc.	14,709,361	Miscellaneous.....	9,471,983
Cooked meat:		Total.....	1,043,062,814
Beef.....	2,267,277		
Pork.....	46,347,434	Horsemeat:	
Canned meat and meat food products:		Cured.....	
Beef.....	4,458,657	Canned.....	515,740
Pork.....	38,555,423	Chopped.....	1,413,806
Sausage.....	4,947,104	Horse oil.....	234,843
Soup.....	19,112,636		
All others.....	21,502,835		
Bacon, sliced.....	63,353,335		

<sup>1</sup> These figures represent "inspection pounds" as some of the products may have been inspected and recorded more than once due to having been subjected to more than 1 distinct processing treatment, such as curing first, then canning.

# MEAT AND MEAT FOOD PRODUCTS CERTIFIED FOR EXPORT, JULY 1949 WITH COMPARABLE FIGURES FOR JULY, 1948

Product	Quantity during—		Product	Quantity during—	
	July 1949	July 1948		July 1949	July 1948
Beef and veal:	<i>Pounds</i>	<i>Pounds</i>	Pork—Continued	<i>Pounds</i>	<i>Pounds</i>
Fresh.....	424,808	207,393	Canned.....	691,960	244,844
Cured.....	1,007,895	537,441	Edible organs:		
Smoked.....	3,234	293	Fresh.....	1,799	
Canned.....	210,386	278,692	Cured.....		
Edible organs:			Miscellaneous.....	103,772	2,653
Fresh.....	53,896	62,712	Sausage.....	393,116	182,945
Cured.....	799	228	Lard.....	40,947,818	14,401,847
Miscellaneous.....		4,936	Rendered pork fat.....	2,501,782	1,507,156
Mutton and lamb:			Compound.....	82,096	16,376
Fresh.....	28,189	72,993	Oleo stock.....	122,421	
Canned.....	5,548	27,897	Oleo oil.....	182,608	
Edible organs: Fresh.....	1,310	30	Oleomargarine.....		1,200
Miscellaneous.....		393	Edible tallow.....	875,877	29,993
Pork:			Total.....	55,957,464	19,359,781
Fresh.....	5,305,160	168,508			
Cured.....	2,632,219	1,163,110	Horse meat.....	102,666	9,160,871
Smoked.....	380,771	448,141			



# MEAT AND MEAT FOOD PRODUCTS INSPECTED WHEN OFFERED FOR IMPORTATION, JULY 1949

Country of origin	Chilled and frozen fresh meats		Canned and cured	Other products	Total
	Beef	Others			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			2, 575, 389	323, 344	2, 898, 724
Brazil.....			882, 056		882, 056
Canada.....	3, 554, 333	311, 885	28, 444	445, 458	4, 340, 120
Denmark.....					
Dominican Republic.....	581, 242	10, 676		1, 650	593, 568
Holland.....					
Italy.....					
Paraguay.....			576, 309		576, 309
Poland.....			74, 833		74, 833
Switzerland.....					
Uruguay.....			3, 285, 353		3, 285, 353
Total.....	4, 135, 575	322, 561	7, 422, 375	770, 452	12, 650, 963

Refused entry: Canned roast beef, 3 lbs.; canned corned beef, 6 lbs.; fresh beef, 1,863 lbs.; fresh pork, 242 lbs.; total, 2,114 lbs.

Condemned: Canned roast beef, 125 lbs.; canned corned beef, 144 lbs.; beef extract, 220 lbs.; fresh beef, 7,098 lbs.; total, 7,587 lbs.

## REPORT OF CANNING OPERATIONS AT OFFICIAL ESTABLISHMENTS JULY 1949

Product	Quantity of finished product	
	Slicing and institutional sizes (3 pounds or over)	Consumer packages or shelf sizes (under 3 pounds)
	<i>Pounds</i>	<i>Pounds</i>
Luncheon meat (include such items as speied ham, chopped and pressed meats).....	16, 332, 559	11, 329, 280
Canned hams (whole and fractional).....	7, 789, 799	279, 957
Corned beef hash.....	286, 150	3, 019, 912
Chili con carne.....	47, 948	3, 446, 385
Vienna sausage.....	64, 002	3, 751, 579
Potted and deviled meat food products (excluding deviled ham).....	121, 691	2, 546, 580
Deviled ham.....		857, 682
Tamales.....	8, 526	1, 162, 132
Sliced dried beef.....	22, 307	340, 051
Liver products.....	1, 880	278, 678
Meat stew (all types).....	27, 109	1, 749, 423
Spaghetti meat products (all types).....	9, 642	1, 623, 616
Tongue (other than pickled).....	111, 891	181, 788
Vinegar pickled products.....	679, 494	1, 704, 924
All other products containing 20 percent or more meat.....	776, 811	5, 451, 962
All other products containing less than 20 percent meat (excluding canned soup).....	129, 493	5, 330, 768
Total.....	26, 409, 302	43, 054, 717

## LIVESTOCK INSPECTED WHEN OFFERED FOR IMPORTATION, JULY 1949

Port of entry	Cattle	Swine	Sheep	Goats	Horses	Mules and asses
Mexican border ports.....					351	6
Canadian border ports.....	24, 697	114	192	4	1, 167	6
Total.....						
July 1949.....	24, 697	114	192	4	1, 518	12
July 1948.....	14, 565	160	968		2, 638	1

Refused entry: 103 cattle (not included in the table).

# SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JULY 1949 <sup>1</sup>

State or Territory	Tuberculin tests during month			Accredited herds	Herds under supervision	Inspector in charge	State official
	Cattle	Infected premises	Reacted				
Alabama-----	3,006	2	2	763	270,906	B. N. Lauderdale	R. S. Sugg, Auburn.
Arizona-----	809	0	0	2	12,419	Ward R. Lee-----	F. D. McMahon, Phoenix.
Arkansas-----	1,992	0	0	0	228,256	A. W. Rice-----	J. S. Campbell, Little Rock.
California-----	74,340	106	355	5	74,669	W. A. McDonald-----	A. K. Carr, Sacramento.
Colorado-----	1,074	0	0	20	60,846	H. E. Schaulis-----	R. M. Gow, Denver.
Connecticut-----	3,884	8	15	12,373	12,476	R. L. Smith-----	J. V. Smith, Hartford.
Delaware-----	2,253	1	1	1,841	7,813	O. L. Lockwood-----	Harry McDaniel, Jr. Dover.
Dist. of Col.-----	0	0	0	1	1	A. K. Kuttler-----	
Florida-----	4,765	2	2	13	67,656	T. H. Applewhite-----	J. V. Knapp, Tallahassee.
Georgia-----	1,026	0	0	90	243,701	W. C. Dendinger-----	Tom Linder, Atlanta.
Idaho-----	3,708	1	1	4	51,500	T. R. Myers-----	A. P. Schneider, Boise.
Illinois-----	53,049	44	75	757	245,189	N. H. Howlett-----	C. E. Fidler, Springfield.
Indiana-----	19,412	6	7	980	147,750	J. W. Murdoch-----	R. W. Elrod, Indianapolis.
Iowa-----	11,425	5	16	452	209,927	C. W. Brown-----	H. U. Garrett, Des Moines.
Kansas-----	24,038	13	21	154	171,332	W. E. Logan-----	Will J. Miller, Topeka.
Kentucky-----	2,433	4	7	9	110,503	E. E. Coshow-----	L. L. Breeck, Frankfort.
Louisiana-----	862	1	3	0	148,804	E. C. Hughes-----	F. B. Wheeler, Acting, Baton Rouge.
Maine-----	938	0	0	314	43,817	B. J. Cady-----	Francis G. Buzzell, Augusta.
Maryland-----	13,931	9	11	14,724	46,783	O. L. Lockwood-----	A. L. Brueckner, Baltimore.
Massachusetts-----	6,420	3	7	13,365	14,338	E. M. Aldrich-----	William Casey, Boston.
Michigan-----	10,740	26	35	53	150,000	C. H. Hays-----	C. F. Clark, Lansing.
Minnesota-----	57,182	7	23	202	168,470	F. C. Driver-----	Ralph L. West, St. Paul.
Mississippi-----	3,812	0	0	10	260,187	T. K. Jones-----	H. C. Simmons, Jackson.
Missouri-----	8,486	1	1	65	239,687	F. F. Fischer-----	H. E. Curry, Jefferson City.
Montana-----	968	1	2	19	73,003	G. W. Cronen-----	H. P. Wilkins, Helena.
Nebraska-----	3,455	2	3	24	135,277	J. E. Peterman-----	E. P. Anderson, Lincoln.
Nevada-----	241	0	0	0	3,441	E. E. Maas-----	W. B. Earl, Reno.
New Hampshire-----	3,737	1	1	10,044	10,125	E. M. Aldrich-----	R. W. Smith, Concord.
New Jersey-----	2,951	0	0	11,322	12,692	J. E. Porteus-----	R. A. Hendershott, Trenton.
New Mexico-----	289	0	0	5	25,450	L. E. Patton-----	L. F. Schneider, Albuquerque.
New York-----	39,866	41	145	114,497	116,165	L. R. Barnes-----	Ivan G. Howe, Albany.
North Carolina-----	5,442	1	1	774	256,713	A. A. Husman-----	H. J. Rollins, Raleigh.
North Dakota-----	359	1	1	55	68,003	F. M. Shigley-----	T. O. Brandenburg, Bismarck.
Ohio-----	11,275	20	27	876	215,699	R. L. Knudson-----	Harry Geyer, Columbus.
Oklahoma-----	2,996	2	2	7	150,363	R. K. Benn-----	D. H. Ricks, Oklahoma City.
Oregon-----	9,840	3	3	2,208	252,843	S. B. Foster-----	M. E. Knickerbocker, Salem.
Pennsylvania-----	29,514	23	70	5,676	133,394	H. M. O'Rear-----	C. P. Bishop, Harrisburg.
Rhode Island-----	2,861	11	17	2,076	2,200	E. M. Aldrich-----	J. S. Barber, Providence.
South Carolina-----	1,415	1	4	99	60,395	T. W. Boman-----	R. A. Mays, Columbia.
South Dakota-----	1,295	0	0	8	62,382	Neil Plank-----	R. S. Robinson, Pierre.
Tennessee-----	2,829	2	2	23	295,202	H. L. Fry-----	C. E. Kord, Nashville.
Texas-----	19,603	3	3	42	372,281	H. L. Darby-----	J. R. Ludwigs, Fort Worth.
Utah-----	5,841	17	22	6	83,311	F. H. Melvin-----	J. I. Curtis, Salt Lake City.
Vermont-----	2,626	3	25	8,520	17,744	A. F. Ranney-----	Stanley Judd, Montpelier.
Virginia-----	6,187	3	5	511	199,500	H. S. Miller-----	A. J. Sipos, Richmond.
Washington-----	5,105	6	7	4	89,075	Elmer Lash-----	H. F. Beardmore, Olympia.
West Virginia-----	1,710	0	0	493	116,305	E. R. Coon-----	T. C. Green, Charleston.
Wisconsin-----	57,626	19	33	2,554	159,777	W. R. Winner-----	J. T. Schwab, Madison.
Wyoming-----	1,246	4	4	5	21,893	W. I. Bowersox-----	George H. Good, Cheyenne.
Hawaii-----	0	0	0	0	1,800	A. H. Julien-----	E. H. Willers, Honolulu.
Puerto Rico-----	7,331	3	3	0	62,568	Cesar Clavell-----	H. C. Torres, San Juan.
Virgin Islands-----	0	0	0	0	420	-----do-----	
Total-----	536,193	406	962	206,045	5,984,551		

<sup>1</sup> All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

# SUMMARY OF BRUCELLOSIS WORK IN COOPERATION WITH STATES, JULY 1949 <sup>1</sup>

State or Territory	Tests made of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month	Modified accredited counties	Total accredited		Herds under supervision	Cattle on waiting list
	Herds	Cattle	Herds	Cattle	Reactors				Herds	Cattle		
					For slaughter	Held in calfhood vaccinated herds <sup>2</sup>						
Alabama.....	321	3,231	57	2,051	84	87	3,472	10	548	21,545	185,993	75,156
Arizona.....	348	1,907	44	610	78	28	744	0	0	0	8,575	19,000
Arkansas.....	750	3,320	98	1,186	226	0	1,067	0	14	898	2,680	0
California.....	0	0	0	0	0	0	11,158	0	0	0	0	0
Colorado.....	698	3,738	94	872	0	159	599	0	5	325	8,760	1,110
Connecticut.....	112	1,374	9	167	17	0	711	0	536	6,019	816	0
Delaware.....	103	975	11	163	16	3	352	0	336	4,764	5,139	0
Dist. of Col.....	0	0	0	0	0	0	0	1	1	185	1	0
Florida.....	743	6,706	76	3,049	837	3	780	0	62	4,008	14,613	0
Georgia.....	2,275	9,530	108	2,533	270	0	261	58	61	4,554	111,881	166,281
Idaho.....	433	3,224	46	476	64	22	799	8	206	2,608	47,793	0
Illinois.....	3,442	15,373	411	3,489	259	584	8,460	0	116	3,232	182,772	0
Indiana.....	3,822	18,112	531	5,315	1,127	0	976	0	1,013	18,504	6,610	7,624
Iowa.....	1,102	4,275	124	1,105	225	0	2,254	0	2,897	44,923	42,049	0
Kansas.....	679	3,660	130	1,386	225	0	34	0	123	2,175	12,549	420
Kentucky.....	376	3,568	68	1,072	85	51	290	0	16	677	39,917	6,684
Louisiana.....	858	4,687	225	2,374	542	28	2,708	0	0	0	66,132	0
Maine.....	1,095	8,209	94	1,384	66	81	292	10	100	2,869	38,742	0
Maryland.....	498	5,747	46	810	125	0	1,503	4	3,799	65,721	27,561	0
Massachusetts.....	1	6	0	0	0	0	118	0	106	4,638	7,152	0
Michigan.....	2,377	23,598	322	4,546	43	787	1,367	37	174	7,001	44,553	1,237,592
Minnesota.....	2,462	31,245	518	9,058	1,260	299	6,084	21	102	3,545	49,162	217,768
Mississippi.....	570	4,055	76	1,503	145	8	3,386	5	149	5,519	10,958	0
Missouri.....	1,472	9,448	252	2,390	546	0	682	0	8	382	59,360	0
Montana.....	252	2,561	40	834	168	0	990	0	15	856	5,079	0
Nebraska.....	266	1,617	88	713	241	0	195	0	0	0	3,302	0
Nevada.....	52	670	9	207	32	0	198	0	18	484	726	0
New Hampshire.....	224	2,850	73	1,268	109	32	875	6	6,362	44,547	9,851	0
New Jersey.....	307	5,658	35	1,037	40	26	752	1	1,078	15,421	5,553	0
New Mexico.....	363	2,628	10	108	18	0	318	0	24	1,652	7,750	0
New York.....	1,709	28,131	724	17,152	0	1,500	7,331	0	3,268	78,187	61,623	0
North Carolina.....	1,183	12,829	41	1,161	116	0	68	100	792	27,711	249,084	0
North Dakota.....	1,779	26,312	229	4,426	618	185	898	26	20	1,233	62,913	159,000
Ohio.....	1,922	14,364	294	3,331	698	0	4,553	7	2,472	42,024	80,290	205,000
Oklahoma.....	1,268	11,778	320	4,425	657	44	1,709	0	141	3,254	6,856	0
Oregon.....	1,892	13,259	79	1,939	209	0	260	17	0	0	133,036	0
Pennsylvania.....	4,252	30,447	286	4,241	671	0	4,044	20	7,657	166,091	68,796	105,326
Rhode Island.....	9	189	0	0	0	0	215	0	31	1,390	105	0
South Carolina.....	475	4,200	49	1,424	94	74	74	11	203	11,754	43,274	3,500
South Dakota.....	55	696	9	187	32	8	235	0	2	195	4,705	500
Tennessee.....	559	7,892	79	1,825	134	113	5,677	0	902	23,022	53,471	10,769
Texas.....	1,405	7,153	223	1,814	540	0	417	0	1,047	11,377	2,922	0
Utah.....	496	3,559	79	1,023	0	158	617	0	0	0	14,207	0
Vermont.....	273	3,500	67	1,264	0	181	2,425	0	793	19,825	4,925	0
Virginia.....	930	7,871	102	1,884	137	38	958	68	196	13,032	189,418	76,702
Washington.....	2,072	17,662	175	3,291	364	75	3,040	19	0	0	60,917	407,412
West Virginia.....	1,220	10,401	57	1,720	126	0	266	31	326	6,400	74,756	0
Wisconsin.....	2,062	36,315	533	11,031	961	822	16,513	7	6,601	217,210	51,457	300,918
Wyoming.....	249	2,514	20	1,209	119	0	1,189	0	1	51	2,901	275
Puerto Rico.....	694	8,489	64	3,725	91	212	645	0	0	0	3,082	0
Total.....	50,505	429,533	7,025	116,778	12,415	5,608	102,559	467	42,321	889,817	2,174,797	3,001,037

<sup>1</sup> Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

<sup>2</sup> Nonvaccinated reactors held during the month.



## BIOLOGICAL PRODUCTS PREPARED UNDER LICENSE, JULY 1949

*Anti-hog-cholera serum*

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
	Cc.	Cc.	Cc.	Cc.
July 1949-----	125,064, 150	130,553, 603	142,545, 975	1,031, 521
July 1948-----	95, 146, 069	99, 029, 269	129, 702, 105	470, 324
7 months ended—				
July 1949-----	809, 982, 002	805, 710, 300	837, 895, 989	4, 423, 067
July 1948-----	620, 064, 156	632, 272, 687	682, 126, 190	2, 208, 526

*Hog-cholera virus*

Period	Produced			Destroyed	
	Simultaneous	Hyperimmu- nizing	Inoculating	Simultaneous	Hyperimmu- nizing
	Cc.	Cc.	Cc.	Cc.	Cc.
July 1949-----	6, 537, 489	25, 218, 711	91, 571	242, 243	973, 590
July 1948-----	8, 986, 047	19, 413, 045	73, 420	243, 370	642, 170
7 months ended—					
July 1949-----	64, 740, 730	169, 904, 582	792, 739	1, 827, 050	5, 233, 187
July 1948-----	60, 443, 233	123, 257, 701	602, 173	2, 119, 516	3, 659, 798

## INSPECTIONS AND TESTS IN THE PRODUCTION OF HOG-CHOLERA VIRUS AND SERUM UNDER LICENSES, JULY 1949

Period	Animal in- spections	Animal re- jections	Pigs inoc- ulated	Hogs hy- pered	Tests supervised	
					Serum	Virus
July 1949-----	363, 933	5, 073	32, 968	20, 354	437	234
July 1948-----	278, 761	2, 934	26, 683	14, 873	411	326
7 months ended—						
July 1949-----	2, 379, 340	31, 037	214, 360	131, 231	2, 429	1, 664
July 1948-----	1, 812, 415	21, 840	167, 477	93, 210	2, 166	1, 662

## LICENSES ISSUED FOR BIOLOGICAL PRODUCTS

Licenses No. 165 issued November 25, 1946, and July 29, 1948, to American Scientific Laboratories, Inc., 105 Mason Street, Polo, Ill., were terminated August 11, 1949, and license reissued on the same date to American Scientific Laboratories, Inc., Box 232, Madison 1, Wis., for autogenous bacterin, avisepticus-gallinarum bacterin, blackleg bacterin, brucella abortus vaccine, clostridium chauvei-septicus bacterin, coli-enteritidis bacterin, corynebacterium-pasteurella bacterin, fowl-laryngotracheitis vaccine, fowl-pox vaccine, gallinarum-typhimurium bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (equine), mixed bacterin (ovine), mixed bacterin (porcine), pasteurella avicida bacterin, pigeon-pox vaccine, pullorum antigen, salmonella typhimurium bacterin, staphylococcus-streptococcus bacterin.

# **BIOLOGICAL PRODUCTS PRODUCED AND DESTROYED IN LICENSED ESTABLISHMENTS DURING FISCAL YEAR ENDED JUNE 30, 1949**

(Exclusive of anti-hog-cholera serum and hog-cholera virus)

(Cubic centimeters, unless otherwise stated)

ANTITOXINS		
	<i>Produced</i>	<i>Destroyed</i>
Antivenin.....	90	
Botulinus antitoxin.....units..	56, 572, 500	7, 122, 500
Clostridium perfringens antitoxin.....	1, 229, 100	
Tetanus antitoxin.....units..	573, 990, 755	7, 926, 726
Total.....cubic centimeters..	1, 229, 190	
Total.....units..	630, 563, 255	15, 049, 226
SERUMS		
Antianthrax serum.....	535, 850	140, 500
Antibacterial serum (bovine).....	406, 300	39, 350
Antibacterial serum (canine).....	1, 505, 885	26, 470
Antibacterial serum (equine).....	461, 500	138, 340
Antibacterial serum (feline).....	321, 910	1, 780
Antibacterial serum (porcine).....	41, 650	7, 150
Antiblackleg serum.....	39, 000	19, 600
Anti-bronchisepticus-bacillus serum.....		320
Anti-bronchisepticus-streptococcus-typhimurium serum.....	253, 550	250
Anti-canine-distemper serum.....	15, 834, 895	9, 950
Anti-clostridium hemolyticum serum.....	170, 250	90, 000
Anti-coli-aerogenes serum.....		47, 950
Anti-coli-enteritidis-pasteurella serum.....	382, 100	400
Anti-colon-bacillus serum.....	344, 250	2, 240
Anti-corynebacterium-pasteurella serum.....	7, 294, 700	42, 850
Antiencephalomyelitis serum.....	37, 750	130, 450
Eastern.....	27, 750	2, 000
Western.....	10, 000	128, 450
Anti-feline-distemper serum.....	141, 030	440
Anti-fox-encephalitis serum.....	434, 400	
Anti-hemorrhagic-septicemia serum.....	25, 370, 525	67, 100
Antileptospira serum.....	112, 400	26, 740
Anti-pasteurella-salmonella-cholerasuis serum.....		18, 300
Antistreptococcus serum.....		4, 700
Anti-swine-erysipelas serum.....	48, 306, 130	98, 234
Gonadin serum.....	184, 130	4, 410
Normal serum.....	1, 741, 420	71, 500
Total.....	103, 919, 625	989, 024
AGGRESSINS		
Blackleg cultural aggressin.....	1, 365, 500	266, 125
Blackleg cultural aggressin.....disks..	8, 600	530
Blackleg natural aggressin.....		1, 600
Hemorrhagic-septicemia aggressin.....	511, 800	6, 575
Total.....	1, 877, 300	274, 300
Total.....disks..	8, 600	530



## DIAGNOSTICS

	<i>Produced</i>	<i>Destroyed</i>
Avian tuberculin.....	13, 862	3, 677
Mallein.....	1, 603	1, 772
Tuberculin.....	124, 258	4, 029
Johnin.....	-----	10
Brucella abortus antigen.....	191, 915	14, 065
Leptospira antigen.....	1, 100	-----
Pullorum antigen.....	3, 414, 660	487, 739
Swine-erysipelas antigen.....	1, 120	10
Total.....	3, 748, 518	511, 302

## TOXOIDS

Staphylococcus aureus toxoid.....	78, 230	460
Tetanus toxoid.....	276, 290	203, 880
Total.....	354, 520	204, 340

## VACCINES AND VIRUSES

Anthrax spore vaccine.....	5, 026, 365	715, 662
Anthrax spore vaccine..... disks.....	-----	700
Blackleg tissue vaccine..... disks.....	603, 700	1, 810
Brucella abortus vaccine.....	25, 990, 324	4, 950, 558
Canine-distemper vaccine.....	6, 258, 091	304, 881
Canine-distemper vaccine..... milligrams.....	3, 133, 700	506
Canine-distemper virus.....	104, 744	14, 228
Canine-distemper virus..... milligrams.....	459, 060	125, 010
Distemper vaccine-fox..... milligrams.....	10, 275	15, 000
Distemper vaccine-mink.....	259, 780	-----
Encephalomyelitis vaccine.....	1, 338, 722	461, 246
Eastern.....	91, 703	60, 182
Western.....	618, 506	272, 158
E and W.....	628, 513	128, 906
Erysipelothrix rhusiopathiae vaccine.....	2, 283, 105	708, 916
Feline-distemper vaccine.....	303, 260	31, 648
Fowl-laryngotracheitis vaccine..... milligrams.....	14, 693, 310	1, 629, 570
Fowl-pox vaccine..... milligrams.....	21, 087, 370	2, 667, 720
Hog-cholera vaccine.....	11, 602, 898	1, 440, 734
Newcastle disease vaccine.....	15, 075, 644	615, 218
Newcastle disease vaccine..... milligrams.....	7, 645, 734	146, 210
Ovine-ecthyma vaccine..... milligrams.....	925, 150	199, 550
Pigeon-pox vaccine..... milligrams.....	5, 911, 430	332, 860
Rabies vaccine.....	16, 241, 365	847, 780
Wart vaccine.....	1, 031, 700	23, 975
Total.....	85, 515, 998	10, 114, 846
Total..... disks.....	603, 700	2, 510
Total..... milligrams.....	53, 866, 029	5, 116, 426

## BACTERINS

Anthrax bacterin.....	741, 610	254, 615
Autogenous bacterin.....	904, 599	480
Avisepticus-gallinarum bacterin.....	9, 093, 930	535, 830
Blackleg bacterin.....	49, 295, 608	1, 582, 255
Blackleg-hemorrhagic septicemia bacterin.....	3, 823, 425	7, 275
Bronchisepticus bacillus bacterin.....	2, 600	5, 656
Bronchisepticus-coli-pasteurella bacterin.....	257, 182	6
Bronchisepticus-staph-strep bacterin.....	16, 540	1, 060
Bronchisepticus-streptococcus bacterin.....	3, 596	5, 478
Bronchisepticus - streptococcus - typhimurium bac- terin.....	22, 500	1, 540
Clostridium chauvei-septicus bacterin.....	40, 149, 300	723, 750
Clostridium hemolyticum bacterin.....	6, 905, 450	300, 925
Clostridium novyi bacterin.....	374, 500	724, 950

## BACTERINS—continued

	<i>Produced</i>	<i>Destroyed</i>
Clostridium perfringens bacterin.....	5, 696, 050	250
Coli-enteritidis bacterin.....	526, 120	190, 800
Coli-enteritidis-pasteurella bacterin.....	251, 460	12, 910
Coli-staph-strep bacterin.....	91, 740	-----
Colon bacillus bacterin.....	108, 300	3, 710
Corynebacterium-pasteurella bacterin.....	11, 777, 030	522, 115
Gallinarum-typhimurium bacterin.....	649, 755	322, 700
Hemorrhagic-septicemia bacterin.....	32, 601, 670	1, 109, 610
Pasteurella avicida bacterin.....	4, 814, 570	111, 435
Pasteurella-salmonella cholerasuis bacterin.....	1, 843, 025	24, 675
Salmonella abortusovae bacterin.....	14, 440	62, 484
Salmonella cholerasuis bacterin.....	896, 315	103, 400
Salmonella typhimurium bacterin.....	76, 720	70, 230
Staphylococcus-streptococcus bacterin.....	839, 046	136, 007
Staphylococcus-streptococcus bacterin-disks.....	-----	360
Streptococcus bacterin.....	405, 700	11, 800
Total.....	172, 182, 781	6, 825, 946
Total.....disks.....	-----	360

## MIXED BACTERINS

Mixed bacterin (avian).....	8, 570, 929	3, 865, 360
Mixed bacterin (bovine).....	32, 979, 259	2, 605, 866
Mixed bacterin (canine).....	194, 642	3, 288
Mixed bacterin (equine).....	1, 245, 581	577, 344
Mixed bacterin (feline).....	72, 530	3, 434
Mixed bacterin (lepine).....	10, 450	14, 895
Mixed bacterin (ovine).....	3, 839, 945	680, 360
Mixed bacterin (porcine).....	16, 812, 129	1, 246, 346
Total.....	63, 725, 465	8, 996, 893

## Grand Total:

Cubic centimeters.....	432, 553, 397	27, 916, 651
Units.....	630, 563, 255	15, 049, 226
Milligrams.....	53, 866, 029	5, 116, 426
Disks.....	612, 300	3, 400

CRESYLIC DISINFECTANTS PERMITTED FOR USE IN OFFICIAL  
DISINFECTION*Revised list, 1949*

ACCO Cresylic Solution, Amalgamated Chemical Corp., Philadelphia 34, Pa.  
 Acresel, The Selig Company, Atlanta 1, Ga.  
 Adeo Cresylic Germicide and Disinfectant, Adeo, Inc., Sedalia, Mo.  
 Bactero-Cide Industrial Chemical Specialties Co., Wyndmoor, Philadelphia 18, Pa.  
 Baird's Solution Cresol Compound U. S. P. XII, Baird & McGuire, Inc., Holbrook, Mass.  
 Baker's Saponified Cresylic Acid Solution, Barker, Moore & Mein Co., Philadelphia 23, Pa.  
 Belltex Farm Disinfectant, John J. Gobell Co., New Bedford, Mass.  
 Binco Crestall Compound, E. H. Bindley & Co., Terre Haute, Ind.  
 Booth's Cresylic Compound, J. M. Booth & Co., El Paso, Tex.  
 Bourbon Cresylic Disinfectant, The Bourbon Co., Lexington 34, Ky.  
 Cabell's Hatchers Disinfectant, The Cabell Chemical Co., Huntington 3, W. Va.  
 Carbola Liquid Disinfectant, Carbola Chemical Co., Inc., Natural Bridge, N. Y.  
 Cardis, P. M. Frank Disinfecting Co., New York 13, N. Y.  
 Central's Liquor Cresolis Saponatus U. S. P., Central Chemical Co., Inc., Kansas City, Mo.  
 Chemo Cattle Disinfectant, Chemo Co., Buffalo 1, N. Y.  
 Clarkson's Saponified Cresol Solution, Clarkson Chemical Co., Inc., Williamsport 51, Pa.

- Clearsol-Cres, Fuld Bros., Baltimore 31, Md.  
Columbia Cresul Fluid, The F. C. Sturtevant Co., Hartford 5, Conn.  
Composol, Purity Chemical Products Co., Santa Rosa, Calif.  
Consolidated Cresolis, Consolidated Laboratories, St. Louis 10, Mo.  
Co-Op Cresylic Disinfectant Solution, Ind. Farm Bureau Cooperative Assoc., Inc., Indianapolis, Ind.  
Cooper's Saponified Cresylic Solution, Wm. Cooper & Nephews, Inc., Chicago 14, Ill.  
Corn King Kresylinol, The Corn King Co., Cedar Rapids, Iowa.  
Corn States 50% Cresylic Disinfectant, The Corn States Serum Co., Omaha 8, Nebr.  
Corn States Kremulso, The Corn States Serum Co., Omaha 8, Nebr.  
Crecosol Compound, Missouri Valley Serum Co., Kansas City 18, Kans.  
Creco Special, Creco Company, Inc., Long Island City 1, N. Y.  
Creo-Cresolis, L. A. Mosher Co., Atlanta 1, Ga.  
Creo-Lic Disinfectant, Hockwald Chemical Co., San Francisco 10, Calif.  
Crescent 50% Cresylic Compound, Crescent Oil Co., Inc., Indianapolis 2, Ind.  
Cre-Septic, Theo. B. Robertson Products Co., Inc., Chicago 10, Ill.  
Cresnol Cresol Compound, Fort Pitt Chemical Co., Pittsburgh 22, Pa.  
Cresolution B., Consolidated Drug Co., New Orleans 12, La.  
Cresolutol, Michel & Pelton Co., Oakland 8 (Emeryville), Calif.  
Creso-Penn, Rockland Chemical Co., Inc., Newark 7, N. J.  
Crestall Fluid, Baird & McGuire, Inc., Holbrook, Mass.  
Cres-Tone, W. D. Carpenter Co., Inc., Syracuse 3, N. Y.  
Cresylene Cresylic Compound, Hunt Manufacturing Co., Cleveland 4, Ohio.  
Cresylol, Norden Laboratories, Lincoln 1, Nebr.  
Cresynol, Woolen Chemical & Supply Co., Paterson, N. J.  
Creusan Saponified Cresylic Disinfectant, U. S. Sanitary Specialities Corp., Chicago 12, Ill.  
Crysil-O'Lite-50% Cresylic Disinfectant, Green Mask Laboratories, Sioux City 14, Iowa.  
Crystal Cresylic Disinfectant, Crystal Soap & Chemical Co., Inc., Philadelphia 35, Pa.  
Curts-Folse Cresylic Compound Solution, Curts-Folse Laboratories, Kansas City 18, Kans.  
Diamond H. Cresyl Fluid, James Huggins & Son, Inc., Malden 48, Mass.  
Dixsoline, Dixie Chemical Co., Inc., New Orleans 16, La.  
Dolge Cresylic Disinfectant, The C. B. Dolge Co., Westport, Conn.  
Dr. Hess Saponified Cresol Solution, Dr. Hess & Clark, Inc., Ashland, Ohio.  
Dr. LeGear's Cresylic Disinfectant, Dr. L. D. LeGear Medicine Co., St. Louis 16, Mo.  
Dr. Saunders' 50% Cresol Solution, Stockton Veterinary Supply Co., Stockton 34, Calif.  
Dr. Sylvester's Cresylic Compound, Dr. Sylvester Medicine Co. Division, Consolidated Drug Company, New Orleans 12, La.  
Eastern States Cresylic Disinfectant, Eastern States Farmers' Exchange, Inc., West Springfield, Mass.  
Economy Disinfectant, James J. Doty Co., Ltd., Shenandoah, Iowa.  
Elkay's Cresylic Agricultural Disinfectant, Rexall Drug Co., Los Angeles 14, Calif.  
Farmasol, Lehn & Fink Products Corp., Bloomfield, N. J.  
Fidelity Stock Disinfectant, Fidelity Laboratories, Inc., Chicago 9, Ill.  
F. O. Cresylic Disinfectant, Fine Organics, Inc., New York, N. Y.  
Franklin Crestall Fluid, O. M. Franklin Serum Co., Denver, Colo.  
Fulceres Compound, Fuld Bros., Baltimore 31, Md.  
Germalene Cresol Compound, Germalene Chemical Co., Houston 2, Tex.  
Germ-I-Sol, Dr. David Roberts Veterinary Company, Waukesha, Wis.  
Germo-Cresolis, Germo Manufacturing Co., St. Louis 10, Mo.  
Gland-O-Lac Special Disinfectant, The Gland-O-Lac Co., Omaha, 2, Nebr.  
Globe 50% Cresylic Disinfectant, Globe Laboratories, Fort Worth 2, Tex.  
Harco Saponated Cresylic Disinfectant, Harley Soap Co., Philadelphia 37, Pa.  
Hexsolis, Koppers Company, Inc., White Tar Dept., Kearny, N. J.  
Hilltop Special Disinfectant, Hilltop Laboratories, Inc., Minneapolis 1, Minn.  
Hy Kresol, H. V. Smith & Co., St. Paul 4, Minn.  
Ineresilite, Industrial Chemical Laboratories, Ltd., Omaha 2, Nebr.



- Jen-Sal Cresylic Disinfectant, Jensen-Salsbery-Laboratories, Inc., Kansas City 10, Mo.
- KaDeCo Cresylic Acid Solution 50%, Kiefer-Stewart Co., Indianapolis 9, Ind.
- KaDeCo Cresylic Acid Solution 50% HMC, Kiefer-Stewart Co., Indianapolis 9, Ind.
- Karspray, West Disinfecting Co., Long Island City 1, N. Y.
- Keystone Brand Cresylic Disinfectant, James Good Co., Philadelphia 25, Pa.
- Keystone Brand Saponated Solution of Cresol, U. S. P. XII, James Good Co., Philadelphia 25, Pa.
- Keystone Brand Soluble Phenolic Disinfectant, Coef. 2, James Good Co., Philadelphia 25, Pa.
- Keystone Brand Soluble Phenolic Disinfectant, Coef. 5, James Good Co., Philadelphia 25, Pa.
- Kingol Spray, King Chemical Co., Philadelphia 6, Pa.
- Kleenwell Saponified Cresylic Acid Solution, Chicago Sanitary Products Co., Chicago 8, Ill.
- Klix Disinfectant, Klix Chemical Co., San Francisco 7, Calif.
- Koppers Disinfectant No. 5 Water-Soluble, Koppers Company, Inc., White Tar Dept., Kearny, N. J.
- Kre-Sol, Connecticut Chemical & Disinfectant Co., Inc., New Haven 10, Conn.
- Lacco Brand Cresol Compound, Los Angeles Chemical Co., Los Angeles 21, Calif.
- Lilly's Cresol Compound (Saponated Solution of Cresol, U. S. P.), Eli Lilly & Co., Indianapolis 6, Ind.
- Manufacturers Soluble Germicide, Standard Oil Co. of Calif., San Francisco 20, Calif.
- Massachusetts Farm Bureau Stable Disinfectant, Farm Bureau Association, Waltham 54, Mass.
- McClellan's R-X-SOL No. 1, C. U. McClellan Laboratories Corp., Los Angeles 23, Calif.
- McClellan's R-X-SOL No. 2, C. U. McClellan Laboratories Corp., Los Angeles 23, Calif.
- McClellan's O-X-Zel No. 1, C. U. McClellan Laboratories Corp., Los Angeles 23, Calif.
- Midland Cresylic Disinfectant, Midland Laboratories, Dubuque, Iowa.
- Miller's Cresylic Disinfectant, Miller Chemical Co., Inc., Omaha 2, Nebr.
- Norden Liquor Cresolis Saponatus, U. S. P., Norden Laboratories, Lincoln 1, Nebr.
- NSCO Cresol Compound, National Supply Co., Birmingham, Ala.
- Paramount Cresylic Disinfectant, Paramount Chemical Co., Columbus, Ga.
- Pennsylvania Railroad Saponified Cresol Solution, The Pennsylvania Railroad, Philadelphia 4, Pa.
- Phillips Farm Disinfectant, Phillips Petroleum Co., Bartlesville, Okla.
- Pratt's Cresylic Disinfectant, Pratt Food Co., Philadelphia 6, Pa.
- Purina Cre-So-Fec, Ralston Purina Co., St. Louis 2, Mo.
- Purisol, The Puritan Manufacturing Co., Waterbury 85, Conn.
- Puritan Cresylic Disinfectant, Puritan Chemical Co., Atlanta, Ga.
- Rawleigh's Kreo, The W. T. Rawleigh Co., Freeport, Ill.
- Reilly Cresolis Compound, Republic Creosoting Co., Indianapolis 4, Ind.
- Sanieres Cresylic Compound, Burkart-Schier Chemical Co., Chattanooga 2, Tenn.
- Sanisol, McLaughlin Gormley King Co., Minneapolis 14, Minn.
- Saponated Solution of Cresol Merck U. S. P., Merck & Co., Inc., Rahway, N. J.
- Sta-Lab Liquor Cresolis Compound, Standard Laboratories & Supply Co., San Francisco 3, Calif.
- Standard Super Germite Cresylic Solution, Standard Oil Co. of California, San Francisco 20, Calif.
- STM Germicide, F. M. Speckman Co., San Francisco 7, Calif.
- Supersan Cresylic Compound, Chemical Compounding Corp., Brooklyn 22, N. Y.
- Swan Brand Kremulso, Thompson Hayward Chemical Company, Kansas City 8, Mo.
- Tekresol, Whitmoyer Laboratories, Inc., Myerstown, Pa.
- Tri Krecide, Pittman-Moore Co., Indianapolis 6, Ind.
- U-C Cresolis, United Chemical Co., Inc., Kansas City 6, Mo.
- UD Solution Cresol Compound (Liquor Cresolis Saponatus U. S. P. XII), Rexall Drug Co., Los Angeles 14, Calif.

Universal Cresolum, Universal Laboratories, St. Louis 10, Mo.  
 Val-A Saponified Cresylic Solution, Val-A Co., Chicago 9, Ill.  
 Varco 50% Cresylic Solution, James Varley & Sons, Inc., St. Louis, Mo.  
 Varco U. S. P. Cresolis XII, James Varley & Sons, Inc., St. Louis, Mo.  
 Ward's Sa-Po-Crex, The Ward Co., Winona, Minn.  
 Wasco Germicide, Wasatch Chemical Co., Salt Lake City 5, Utah.  
 Whitmer's 50% Cresol Solution, The H. C. Whitmer Co., Columbus, Ind.  
 Wilcox 50% Cresylic Solution, Wilcox Products, Corry, Pa.  
 Worrell's Crespolin, The Worrell Manufacturing Co., St. Louis 10, Mo.

This revised list supersedes all previous lists and supplements. All old 1<sup>sts</sup> should be destroyed.

### NEW PUBLICATIONS OF THE BUREAU

The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and officers. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.

Circular 819. Feed Required to Produce 6-Pound Rabbits After Weaning and Conditions Affecting Their Carcass Grades and Cuts. By Charles E. Kellogg, George S. Templeton, and Allan Sutor, Animal Husbandry Division. Pp. 20, illus.

Leaflet 253. Raising Laboratory Mice and Rats. By Orson Eaton, and Charles A. Cabell, Animal Husbandry Division. Pp. 10, illus.

Technical Bulletin 981. Comparison of Methods of Supplying Phosphorus to Range Cattle. By W. H. Black, L. H. Tash, J. M. Jones, R. J. Kleberg, Jr. Pp. 22, illus.

Miscellaneous Publication 317. Improving Poultry Through the National Poultry Improvement Plan. Revised by Paul B. Zumbro, S. A. Moore, Roy D. Carlson, L. C. Heemstra, and Albert B. Godfrey, Animal Husbandry Division. Pp. 18, illus.

Multilith. Wipe Out Brucellosis. Pp. 4, illus.

### ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY, AUGUST 1949

Chief: B. T. SIMMS.

Assistant Chief: HUGH C. MCPHEE.

Assistant Chief: S. O. FLADNESS.

Assistant Chief: A. R. MILLER.

Assistant Chief: K. A. BUTLER.

Assistant to the Chief: J. R. COHRAN.

Administrative Services Division: L. E. HARROVER, Administrative Officer in Charge.

Animal Foods Inspection Division: L. V. HARDY, Veterinarian in charge.

Animal Husbandry Division: T. C. BYERLY, Animal Husbandryman in charge.

Budget and Fiscal Division: N. A. OLMSTEAD, Administrative Officer in charge.

Information Division: J. K. MCCLARREN, Information Specialist in charge.

Inspection and Quarantine Division: M. R. CLARKSON, Veterinarian in charge.

Interstate Inspection Division: T. W. COLE, Veterinarian in charge.

Meat Inspection Division: A. R. MILLER, in charge.

Pathological Division: HARRY W. SCHOENING, Veterinarian in charge.

Personnel Division: W. A. DEVAUGHAN, Administrative Officer in charge.

Tuberculosis Eradication Division: A. K. KUTTLER, Veterinarian in charge.

Division of Virus-Serum Control: D. I. SKIDMORE, Veterinarian in charge.

Zoological Division: BENJAMIN SCHWARTZ, Zoologist in charge.









